Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 29 Jul 2021 until 23:59 on Friday 30 Jul 2021

Forecast Issued on Thursday 29 Jul 2021 at 02:44

Confidence: High confidence for the unsettled regime throughout the period, but low for shower details, especially for heavy showers or thunderstorms.

Headline for Thursday 29 Jul 2021: Rather cloudy, showers dying out later.

Mountain weather hazards on Thursday 29 Jul 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain showers	Light rain showers	Sunny intervals	Sunny intervals	Sunny intervals
Precipitation probability					
60%	60%	60%	30%	20%	<05%

Forecast for Thursday 29 Jul 2021

Weather: Mostly cloudy with some showery rain to start, then slowly brightening up but still with a few showers. Showers tending to die out in the afternoon, then thickening cloud this evening perhaps bringing a little rain by midnight. Rather breezy, with strong winds and locally gusty on the summits.

Chance of cloud free mountain/hill tops above 600m: 40%, becoming 100% during the morning.

Visibility: Occasionally moderate to start with areas of cloud down to 500m. Becoming very good or excellent during the morning, with distant hills clearly visible, but with further reductions in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 29 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/32 SW	26/36 SW	28/38 W	26/37 W	19/26 W	12/18 W	10/13 SW
300	20/27 SW	20/30 W	19/29 W	20/31 W	13/21 W	7/12 SW	6/8 S
Valley	12/26 SW	15/30 W	15/29 W	16/31 W	10/22 W	5/12 W	3/8 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	9/5	10/6	11/7	12/8	11/8	10/8
300	10/7	12/9	13/10	14/11	15/12	13/12	13/12
Valley	11/9	13/10	13/10	15/12	15/13	13/13	12/12
Freezing Level*	1800m	2200m	2400m	2400m	2400m	2200m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate UV levels likely.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 29 Jul 2021	17mm	22.8mm	23.8mm

Forecast for Friday 30 Jul 2021

Weather: Outbreaks of occasionally heavy rain through the early hours and at first on Friday, becoming occasional showers by afternoon. Some of the showers are likely to be heavy and possibly thundery, but gradually easing in the evening.

Maximum wind: Northeast becoming northwest 15-20 gust 20-30mph.

Chance of cloud free mountain/hill tops above 600m: 30% becoming 60%

Visibility: Moderate or poor at times in rain at first, with areas of cloud 400-500m. Becoming good by afternoon with cloud lifting 500-700m, but with further visibility reductions in showers.

Temperature: **Valleys:** Plus 13 Celsius, becoming Plus 17 Celsius.
At 600m: Plus 10 Celsius, becoming Plus 13 Celsius.
Freezing level: Above the summits.

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